H. Wendt,

Shears.

No. 2,501. Patented Mar. 23, 1842.

Fig. 1

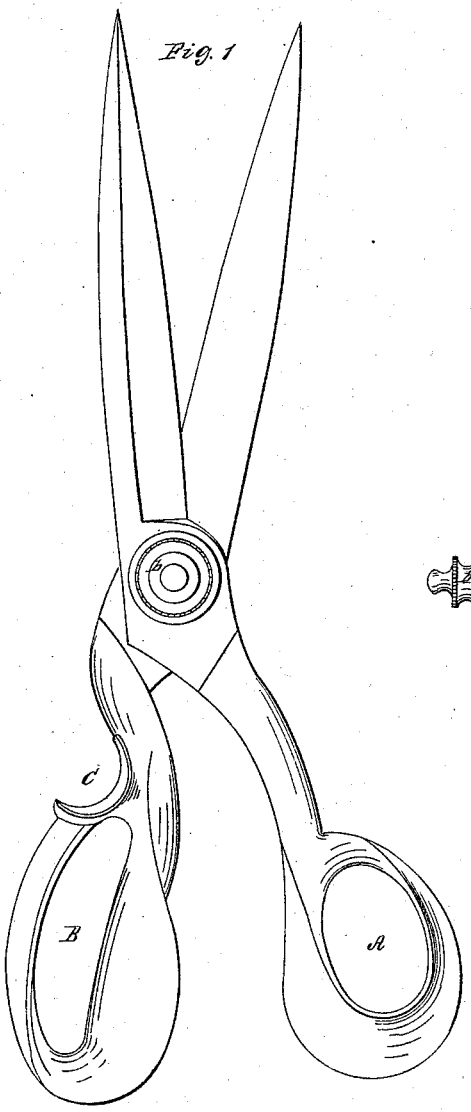


Fig. 3

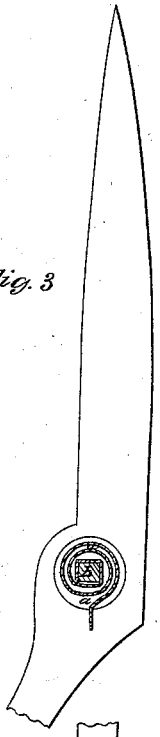


Fig. 4

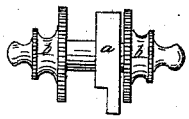
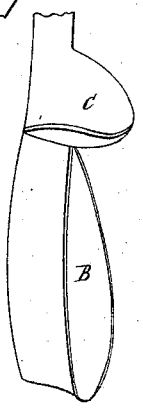


Fig. 2



Witnesses;
John W. Chambers
W. Serrelle

Inventor;
Hermann Wendt

UNITED STATES PATENT OFFICE.

HERMANN WENDT, OF NEW YORK, N. Y.

CONSTRUCTION OF TAILORS' SHEARS.

Specification of Letters Patent No. 2,501, dated March 23, 1842.

To all whom it may concern:

Be it known that I, HERMANN WENDT, of New York, N. Y., a native of Germany, having resided in the United States more than one year next preceding the date hereof and having duly declared my intention to become a citizen thereof, have invented and made and applied to use certain new and useful improvements in the construction of the shears usually known as "tailors' shears," such invention being improvements upon the mode of construction for which a patent of the United States was granted to John Andrews, assignee of Rochus Heinisch, on the 11th of March, 1835, and that the said improvements and the mode of constructing and using the same are fully and substantially set forth and shown in the following description and in the drawings annexed to and making part of this specification, wherein—

Figure 1 represents a finished pair of shears, fitted with the said improvements. Fig. 2 is a detached section of the finger bow, shown as at a right angle to Fig. 1, and ready for use. Fig. 3 is a representation of a blade, detached, to exhibit the mode of fitting the spring and rivet, shown in the detached Fig. 4, and the marks of reference used apply to the same parts, in all the figures.

A, is the bow, or bowl on the handle, used to receive the thumb, in the operation of cutting; B, is the bow or bowl for the fingers, both made and formed with helms, or concave and convex curvilinear plates, to fit the thumb and fingers, as in the original invention, but at the point where the shank of the handle joins the finger bow, a concave curvilinear lip C, is formed, at right angles with the bow, to receive the fore finger of the operator, which constitutes my first improvement, and enables the cutter to control the operation of the shears, more effectively, and with greater ease to himself.

In securing the blades together, the inner faces at the joint are countersunk, to receive a spiral spring *a* one end of which is set on the shank of the joint screw *b* and the other and outer end is turned out, to enter and be fastened in a chase, in the countersunk hole in one blade, and so set, as to keep the shears shut, when not in use, and operating to aid the hand of the operator, especially when cutting near the points of the blades.

What I claim as my invention, and desire to secure by Letters Patent, is—

The addition of the concave curvilinear lip C, to the finger bow, or handle, and the application of the spiral spring *a* in the joint, the whole constructed, combined, and operating, substantially as above set forth.

In witness whereof, I, the said HERMANN WENDT, have hereunto set my hand in the city of New York, this twentieth day of January, one thousand eight hundred and forty two, in the presence of the witnesses subscribing hereto.

HERMANN WENDT. [L. S.]

Witnesses:

JOHN W. CHAMBERS,

WM. SERRELL.